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Application Numb	09/662980]
Filing Date	September 15, 2000	1
First Named Invent r	Nirmal, Man j	1
Art Unit	1771	1
Examiner Name	Unknown COPY OF PAP ORIGINALLY F	ERS
Attorney Case Number	56001US002	T

	U.S. Patent Documents					
Exam. Cite No.	Cite	Document Number	Publication Date or Issue Date	Name of Patentee	Pages, Columns, Lines, Where	
	No.	Doc. Number-(Kind Code if Known)	MM-DD-YYYY	or Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	
	A1	US-				
	A2	US-				
	A3	US-			4 - * -	
	A4	US-			TECHNOLOGY	
	A5	US-			0,00	
	A6	US-			57 73	
	A7	US-			2.00 2.00	
	A8	US-			ZIMIZ EEN, ER	
	A9	US-			170	
	A10	US-				
	A11	US-				

	Foreign Patent Documents						
Exam. Cite No.		Cite Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	Translation	
	No.	Ctry. Code	Number-KindCode (If known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	(Check if yes)
BH	B1	EP	1 146 574	10/17/01	Senoo et al		
	B2						
	В3						
	B4						
	B 5						-:
	В6						
	B7						

	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS					
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OMB No. 0651-0011 Atty. Docket No.: Serial No.:09/662,980 56001USA6A.002

Applicant(s): Manoj Nirmal, Ha T. Le, Martin B. Wolk, Erika Bellmann. Fred McCormick

Filing Date: Group: September 15, 2000

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U.S. PATENT DOCUMENTS						
Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate	
4,252,671	02/24/81	Smith	252	430		
5,061,569	10/29/91	VanSlyke et al.	428	457		
5,166,024	11/24/92	Bugner et al.	430	70		
5,256,506	10/26/93	Ellis et al.	430	20		
5,351,617	10/04/94	Williams et al.	101	467		
5,521,035	05/28/96	Wolk et al.	430	20		
5 (05 020	11/11/07	*** **				

BH BH BH BH BH 5,685,939 11/11/97 Wolk et al. 156 234 BH 5,691,098 11/25/97 Busman et al. 158 430 BH 5,693,446 12/02/97 Staral et al. 430 201 BH 5,707,745 01/13/98 Forrest et al. 428 432 BH 5,710,097 01/20/98 Staral et al. 503 227 BH 5,725,989 03/10/98 Chang et al. 430 201 BH 5,998,085 12/07/99 Isberg et al. 430 200 BH 6,114,088 09/05/00 Wolk et al. 273.1 430

FOREIGN PATENT DOCUMENTS

	Document Number	Date of Publication	Country	Class	SubClass	Translation
вн	WO 97/15173	04/24/97	PCT	-		
ВН	WO 99/46961	09/16/99	PCT			
BH	WO 00/41893	07/20/00	PCT			

	THER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)
BH	Trends in Polymer Science, 2, pp. 350-355, 1994, "Organic Electroluminescent Devices Based on
<u> </u>	Polymeric Materials" J. Kido
BH	Thin Solid Films, 276, pp. 13-20, 1996, "Light-emitting and photoconductive diodes fabricated
	with conjugated polymers" J.J. M. Halls et al.
BH	Macromolecular Symposia, 125, pp. 1-48, 1997 "Recent Developments in Molecular Organic
	Electroluminescent Materials"
BH	Acta Polym., 49, pp. 319-344, 1998 "The chemistry of electroluminescent organic materials" J.L.
	Segura
BH	Angew. Chem. Int. Ed., 37, pp. 402-428, 1998 "Electroluminescent Conjugated Polymers-Seeing
	Polymers in a New Light" A. Kraft et al.
ВН	MRS Bulletin, 22, pp. 39-45, 1997 "Progress in Electroluminescent Devices Using Molecular
	Thin Films" T. Tsutsui
BH	J. Amer. Chem. Soc., 118, pp. 3922-3929, 1996, "Polymer Light-Emitting Electrochemical Cells:
	In Situ Formation of a Light-Emitting p-n Junction" Q. Pei et al.
BH	Science, 276, pp. 2009-2011, 1997 "Three-Color, Tunable, Organic Light-Emitting Devices" Z.

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Shen et al

Date Considered

7-15-03

^{*}Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next commu ,cation to applicant.